

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/051447

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C225/18 C07D209/12 C07D277/82 C07D277/64 C07D239/28  
C07D319/06 C07D309/36 C07F1/08 C07F15/06 C07F15/04  
G11B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D C07F G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 242 067 B1 (TDK CORPORATION) 5 June 2001 (2001-06-05) column 7, line 15 - column 10, line 57; claims 1-7	1-9
A	EP 0 597 826 A (CANON KABUSHIKI KAISHA) 18 May 1994 (1994-05-18) page 3, line 30 - page 8, line 23; claims 1-8	1-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

8 November 2004

Date of mailing of the international search report

22/11/2004

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

**PCT/EP2004/051447**

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6242067	B1	05-06-2001	JP 3441410 B2	02-09-2003
			JP 2000190642 A	11-07-2000
EP 0597826	A	18-05-1994	JP 1294791 A	28-11-1989
			JP 2810379 B2	15-10-1998
			JP 1038288 A	08-02-1989
			JP 2696696 B2	14-01-1998
			JP 1040379 A	10-02-1989
			JP 2696697 B2	14-01-1998
			EP 0597826 A2	18-05-1994
			DE 3854934 D1	07-03-1996
			DE 3854934 T2	27-06-1996
			DE 3856472 D1	28-06-2001
			DE 3856472 T2	31-10-2001
			EP 0302497 A2	08-02-1989